

AUTO OPPORTUNITIES

CAREY OUTLINES USES OF RADIO IN AN ADDRESS

Social and Educational Possibilities, Hitherto Envisioned by No Other Medium, Come Into View

(The following paper, "Radio as an Educational Medium," was read by Prof. C. E. Carey, of the University of New Mexico, before the New Mexico Association for Science, November 28.)

It is the purpose of school life to impart knowledge in such a way that the student, responding to his inspiration, shall discover in himself a constructive power quickening into action. Such productive knowledge is the result of the systematic awakening of the various latent capabilities of the youth. Distinctive among which are such attributes as the sense of self-direction, self-reliance and a personal sense of duty, which once awakened prepares the student for life's responsibilities.

Education is not the accumulation of a vast multitude of facts and ideas. They are merely the background for constructive education. The best education is the development of the ability to think clearly, logically and with a singleness of purpose. This implies a thorough knowledge of the facts, assumptions and theories involved in the problems and the ability to distinguish between them.

Education is a mental discipline. Every educator has realized that it is not so important what he teaches as how he teaches it, and that success in teaching depends, primarily, upon two psychological factors—live interest and well-directed conscious effort on the part of the student. The real problem of the educator is to inspire this interest and effort. Six vital essentials are these factors to the success of teaching that every means available should be used to bring them into action.

There are many mediums available at this time which the educator may commandeer for this purpose, but of all these, radio stands alone as the one which possesses the greatest potential possibilities, the greatest potential possibilities, about radio which will develop a lively interest in every true American boy or girl. This interest is followed by a desire and conscious effort to solve these mysteries, so that at the very beginning use the youth at work educating and developing himself in order that he may be able to answer some of the questions which arise in his mind concerning radio. Since it is a simple matter to interest the youth in radio the real problem which remains for the educator is to direct that interest and effort to serve a purpose.

The study of radio involves a knowledge of mathematics, physics, mechanics, chemistry, electricity and magnetism. Even at the very beginning of the study such fundamental concepts as wave motions, the electromagnetic theory, the electron theory, etc., are encountered. Such fundamentals are the foundation of a scientific knowledge. Teach the student to think for himself, with these fundamental concepts as his basis of reasoning and the educational problem is solved.

Every one of us remembers the effort required to master some of the famous theories, particularly the atomic theory or the electronic theory. Radio has made these theories such common knowledge among the radio amateurs that you may often hear a lad in his teens expounding them to his friends. Radio may not only be used as an inspiration in the study of the physical sciences but it will serve as an inspiration in the industrial and legal fields as well for there are many legal and industrial problems involved in present day radio.

Radio is not only a medium which may be used to develop live interest and conscious effort but it may be used in even a broader field than that. "Sit in" with me any evening and listen to some great statesman or scientist, in some distant city addressing his great unseen radio audience on some important economic, industrial or scientific problem of the day. Or perhaps you would prefer to listen to some great artist, some symphony orchestra, or even, for that matter, to some entire opera as it is broadcast in some city, perhaps, across the continent.

With the spread of radio to even

ASSOCIATION OF ROAD OFFICIALS MEETS MONDAY

Experts in Highway Construction Are Scheduled to Make Addresses at Kansas City Conference

Kansas City, Mo., Dec. 2.—State highway engineers, road officials from all parts of the United States and representatives of the U. S. department of agriculture will be here Monday to attend the eighth annual convention of the American Association of State Highway Officials. Experts in road construction are scheduled to address the meetings and many organizations in the southwest, interested in good highways, will have delegates present to obtain the latest information on construction and maintenance. The convention will end Thursday.

Monday morning's session will be devoted largely to the registration of delegates. After addresses of welcome by Arthur H. Hyman, governor of Missouri, and Frank H. Cromwell, mayor of Kansas City, A. B. Hirst, state highway engineer of Wisconsin, is scheduled to discuss the "Troublesome Problems Encountered in the Administration of a State Highway Department."

In the afternoon, the program will consist of addresses on highway design and construction. A. B. Fletcher, state highway engineer of California, is to address the delegates on financing, construction and maintenance of a state highway system. This will be followed by a speech on "The Service Test of the Haves Road—A Step Towards the Rational Decision of Roadway Surfaces," by Clifford Ocker, chief highway engineer of the Illinois department of public works.

Tuesday the various committees will meet. Wednesday morning will be devoted to discussion of federal aid, and construction and maintenance will be discussed Wednesday afternoon. Thursday will be taken up by reports of committees and election of officers.

W. C. Markham of the bureau of public roads is on the program for a report on legislation, while the chairman of the committee on standards, will speak for his committee. C. M. Babcock, Minnesota commissioner of highways, is the retiring president.

The most isolated communities, humanitarian, social and educational possibilities come into view, to great to envision by no other medium. We have heard a great deal about the little red school house with its many educational problems. A number of states have solved some of these problems by consolidating the schools and districts and transporting the students many miles to the larger and more efficient schools. It is not possible for all states to make these consolidations. It may not be always practical to transport the students to educational centers but there is no reason why we cannot take the educational centers to them.

Radio can do this. With radio broadcasting stations at the centers of learning and inexpensive receiving sets at the school houses of the isolated districts, great educational possibilities come into view, a great that it is impossible to keep one's feet on the ground when contemplating the future of such an arrangement.

The potential and actual educational possibilities of radio are so promising that we must begin to overhaul our methods in education. Much time is now being wasted by the old worn out methods of instruction. It is true that the educator is naturally rather conservative and that he will hesitate to use new instruments of instruction but he cannot fail to realize the value of the radio telephone as an appreciable field for real service that it opens up to him.

McINTOSH HAS THE PARTS

65 Makes and Models of Cars Wrecked SAVE TIME AND MONEY



New—Guaranteed Ring Gears and Pinions, Radiator Caps, Cranks, Gaskets, Ford Parts, Pan Bolts, etc.

Remember That we maintain the largest stock of Auto Parts in the state.

McIntosh Auto Co. 311-15 W. Copper. Phone 562

SCIENTISTS BUSY ON PLANS TO MAKE US LIVE FOREVER



The scientists are busy again but this time it's something different from the ordinary trend of scientific endeavor. They are working on plans to put undertakers out of business and give the hoarse a prominent pedestal in the museum.

Along with monkey glands which enliven the feeble old boys and prompt them to go in for fox trots and belted jackets, a noted surgeon has discovered that white blood corpuscles are an agency for prolonging life and hints that, with the use of them, life may continue indefinitely.

All of which sounds immensely cheerful. Our first impulse is to rise and give the doctor three long cheers but on second thought it presents its unalluring side and

brings to mind the rosy apple on which a worm has slowly operated.

For instance, consider the unhappy individual who, with a few white corpuscles under his belt, starts out to celebrate and, painting the town red, finds a hooch in the town too vivid a hue, is given life imprisonment in the hoosegow in the interests of public dignity. Not a pleasant outlook for a bird that's destined to live forever.

Also turn a thought toward the number of haircuts one would require in eternal life. This would become so monotonous that even the strongest male would stoop to the feminine custom and wear his hair in a braid.

Greivous man, with no thought of death giving him the chinless eye, would figure that he had plenty of time to look around before getting married. As a consequence, the contents of hope chests would develop into a case of two antiques and the girls would put up an awful squawk.

Graveyards would become a downright curiosity. Enterprising skylocks would build a fence around them and rub the sight-seeer two bits a peep.

Dates would be made a thousand years in advance. No longer could one depend on the rich uncle's passing out, leaving a fortune in one's care and after the first hundred years, no candle could find standing room on a birthday cake, thus destroying a pretty custom.

However the majority of people are willing to give it trial. Bring on your corpuscles.

CHAIN OF WIRELESS STATIONS PLANNED

Edmonton, Alta., Dec. 2.—Federal plans for a chain of wireless stations extending into the Arctic circle are being completed. The stations will be operated by the Canadian government with the primary purpose of keeping liaison between federal officials. The locations for the proposed stations are Fort Smith, Resolution, Simpson, Norman and Macpherson, on the Mackenzie river and the sixth at Dawson City, Yukon territory.

POULTRY RAISERS OF TEXAS WANT PENALTY FOR THEFT INCREASED

Denton, Texas, Dec. 2.—Poultry raisers of this county are taking steps to make the way of the chicken thief a rough and rugged one. With the coming of the automobile and later of good roads, thieves have formed the habit of driving into the neighborhood of the victim's hen house and loading all the way from a few chickens

or turkeys to a whole flock into the truck or auto and then hitting the road.

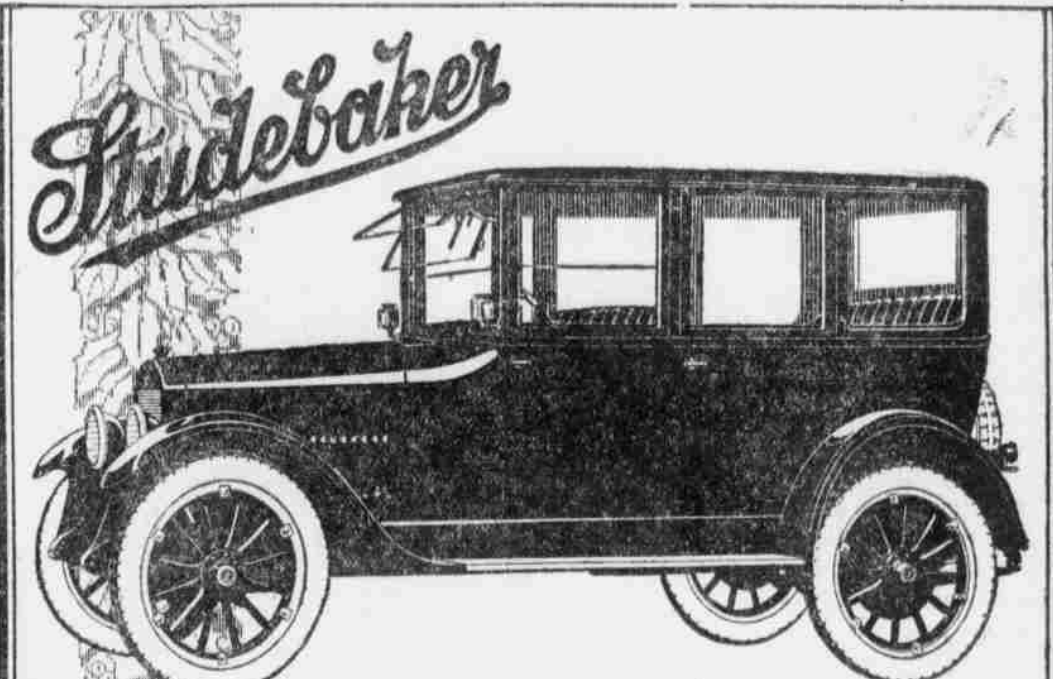
Some farmers claim that the thieves know the market value of the birds and steal just under the value of fifty dollars at one time and come back later and increase their pilferings to avoid indictment for felony. It is planned to ask the legislature to pass laws increasing the penalty for theft of poultry.

Some cases were prosecuted in the courts of some of the counties and a fine of from five to twenty dollars assessed when as a matter of fact the thieves had altogether raided the roosts of the poultrymen to the amount of several hundred dollars.

SWALLOWS A BEE

Smith Center, Kans., Dec. 2.—Mrs. Will Snow, residing near Lebanon, recently ate some honey and swallowed a bee which had remained in the comb. The bee stung her throat and she was in a serious condition for some time as result of a swelling of the membranes.

Journal Want Ads. bring results.



There Is No Substitute for Quality

When you buy a house you make sure that the foundation, the walls and the roof are constructed for permanence. Buy a motor car in the same way.

The sturdy body of the Studebaker Light-Six Sedan is an admirable example of substantial body-building. It is constructed of the finest materials and with a high degree of craftsmanship to give years of satisfactory service—no makeshift construction merely to meet a price.

Eight stout ash pillars, from floor to roof, insure permanent strength and rigidity. The four wide-opening doors are a real convenience in getting in and out. Broad windows provide clear vision in every direction.

Seats are of generous proportions with deep springs to give lasting comfort. The upholstery is of mohair velvet plush, as durable as it is attractive. The heater will give warmth and comfort on cold days.

The Light-Six has proved its reliability on the highways of the world. The ample power, quietness and remarkable flexibility of its motor are a source of continuous satisfaction. It is easy to handle in traffic. Constant gear shifting is unnecessary because it throttles down to a walking pace in high gear. Vibration, which is so annoying in closed cars, is virtually eliminated.

The low price is due to complete manufacture by Studebaker in one of the most modern and complete automobile plants in the world. Middlemen's profits are eliminated and the savings are passed on to the buyer.

The name Studebaker stands for comfort, quality and durability.

LIGHT-SIX SEDAN \$1550

EQUIPMENT
Four doors that swing wide open. Heater. Eight-day clock. Theft-proof transmission lock. Cowel ventilator. Side coach lamps. Rain vial and windshield wiper. Inside locks on three doors and outside lock on right-hand front door. Dome light. Mohair velvet plush upholstery.

MODELS AND PRICES—f. o. b. factories		
LIGHT-SIX 5-Pass., 112" W. B. 40 H. P.	SPECIAL-SIX 5-Pass., 119" W. B. 50 H. P.	HIG-SIX 7-Pass., 126" W. B. 60 H. P.
Touring.....\$975	Touring.....\$1275	Touring.....\$1750
Roadster (3-Pass.)...975	Roadster (2-Pass.)...1250	Speedster (4-Pass.)...1825
Coupe Roadster (2-Pass.)...1225	Roadster (4-Pass.)...1275	Coupe (4-Pass.)...2400
Sedan.....1550	Coupe (4-Pass.)...1875	Coupe (5-Pass.)...2550
	Sedan.....2050	Sedan.....2750

Non-Skid Cord Tires, Front and Rear, Standard Equipment

Terms to meet your convenience

THE COOPER MOTOR COMPANY

DISTRIBUTORS

Phone 671-W. 519 W. Central Ave.

THIS IS A STUDEBAKER YEAR

GATES TIRES

The Tire with the Wider and Thicker Tread

You'd Naturally Expect It—The two or three thousand extra miles you are getting from your Gates Super Tread Tires is just what one would naturally expect from tires that have a wider and thicker rubber tread.

AND WE SELL EM! BOATRIGHT RUBBER COMPANY

401 West Copper Ave. Phone 237-J.

Hobbs Quality Cars

A Square Deal With the Car You Buy.

Overland Touring...\$325
Chevrolet Touring...\$275
Buick Touring...\$600
Ford Touring...\$135
Overland Roadster...\$290
Ford Roadster...\$250
Buick, 7-passenger...\$600
Paige, 7-passenger...\$800
Reo, S. W....\$650
Buick Touring...\$500
Ford Speedster...\$275
Ford Truck...\$275
Essex Touring...\$650

We buy them, rebuild them and sell them.

HOBBS MOTOR COMPANY

513-515 W. Central Phone 434